T0T050" 2E6727760

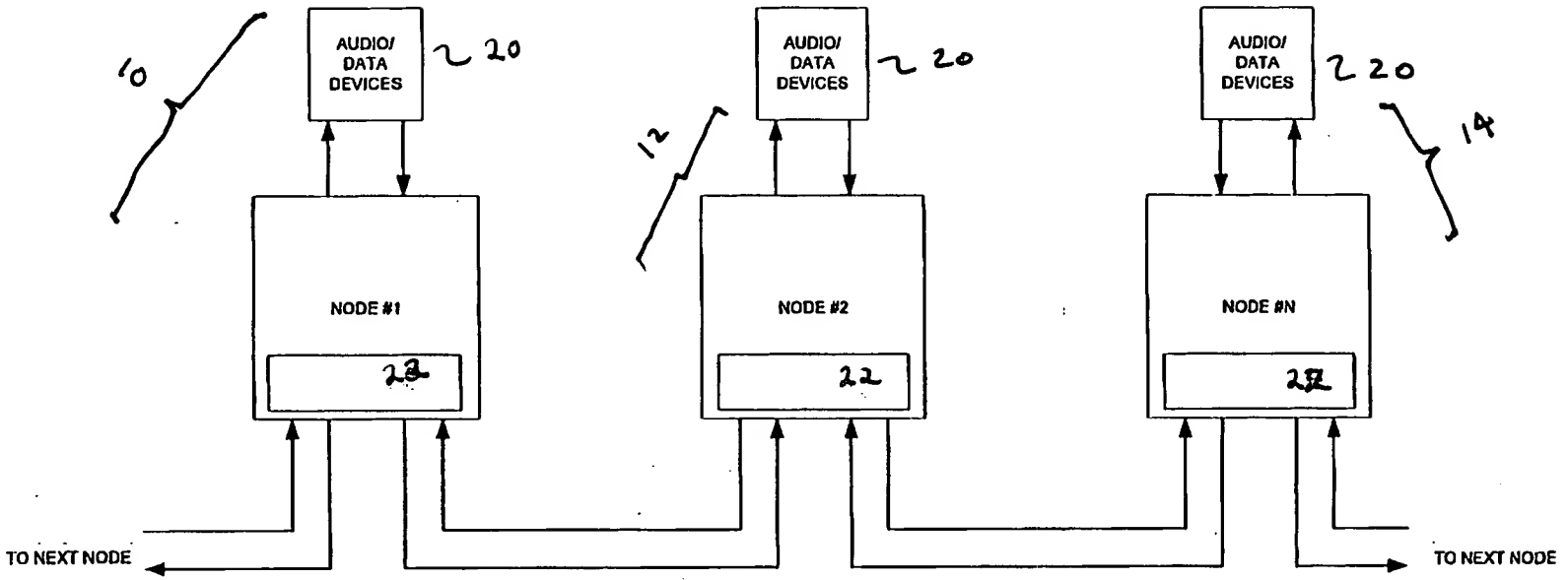


FIG. 1

#3

TOTOSO" 2E6277260

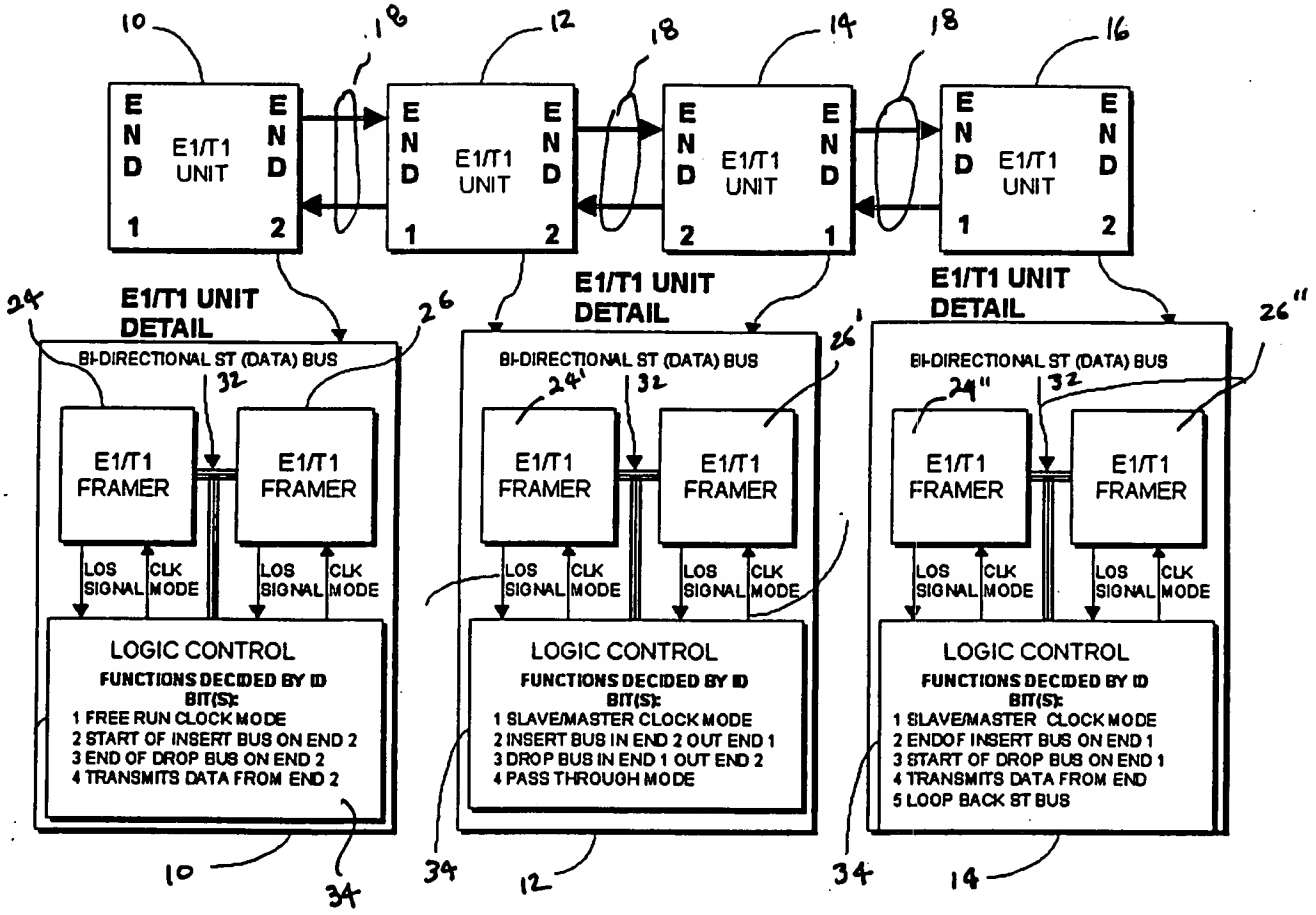
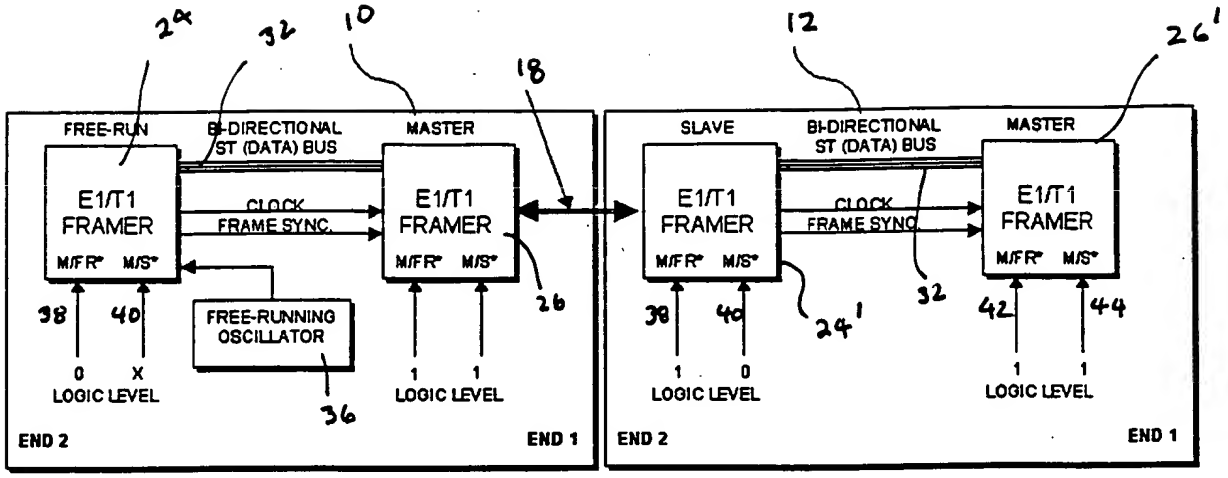


Fig. 2

FIG 3



FRAMER CHIP MODE CONTROL TABLE

INPUT SIGNAL PIN NAME	FREE RUN	SLAVE	FREE RUN	MASTER	MODE
MASTER-SLAVE/NOT FREE RUN	0	1	0	1	
MASTER-NOT SLAVE	X	0	X	1	
	LOGIC LEVEL				

Fig. 3A

TOTOSO" 2E6772760

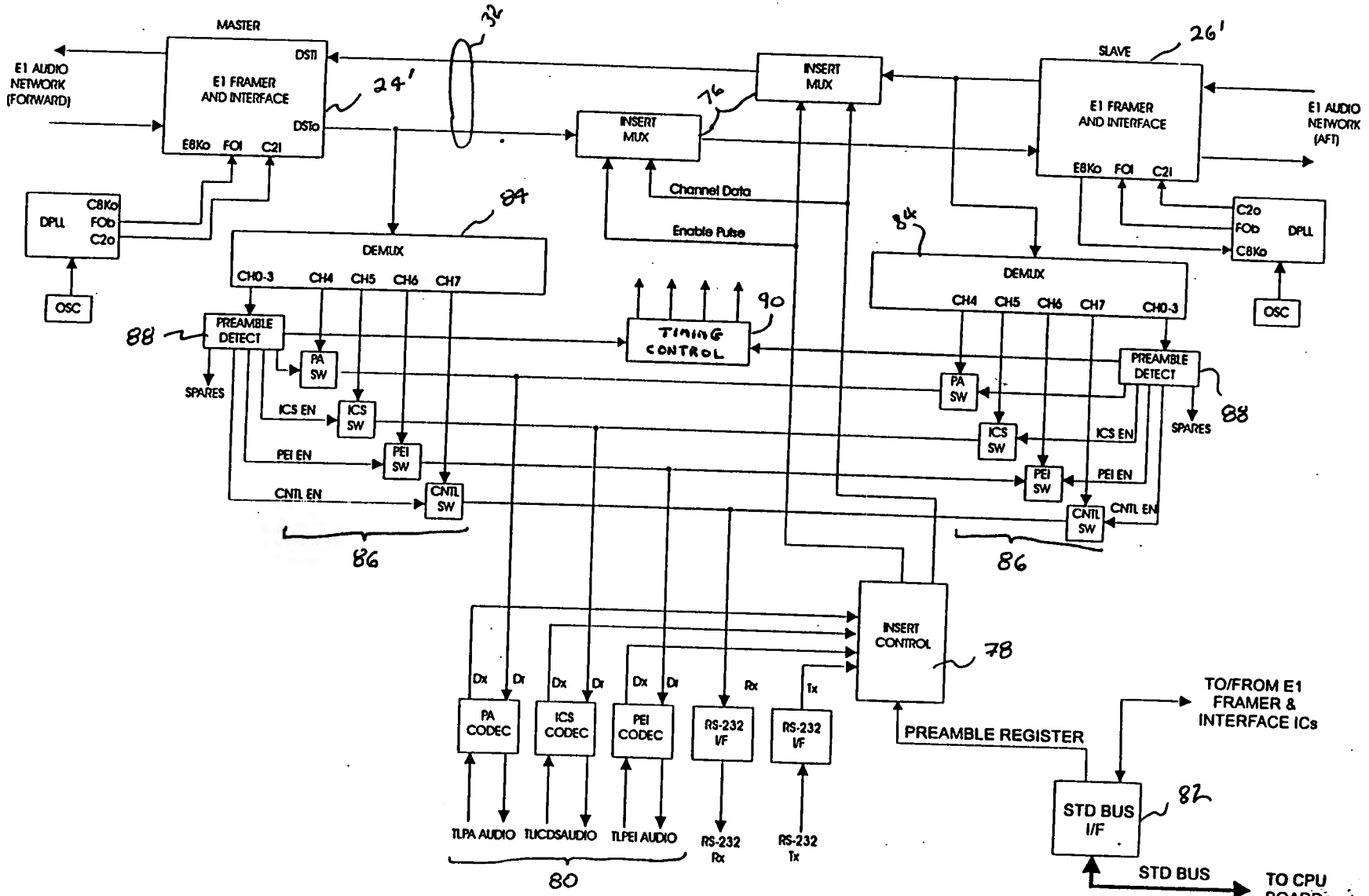


FIG. 4

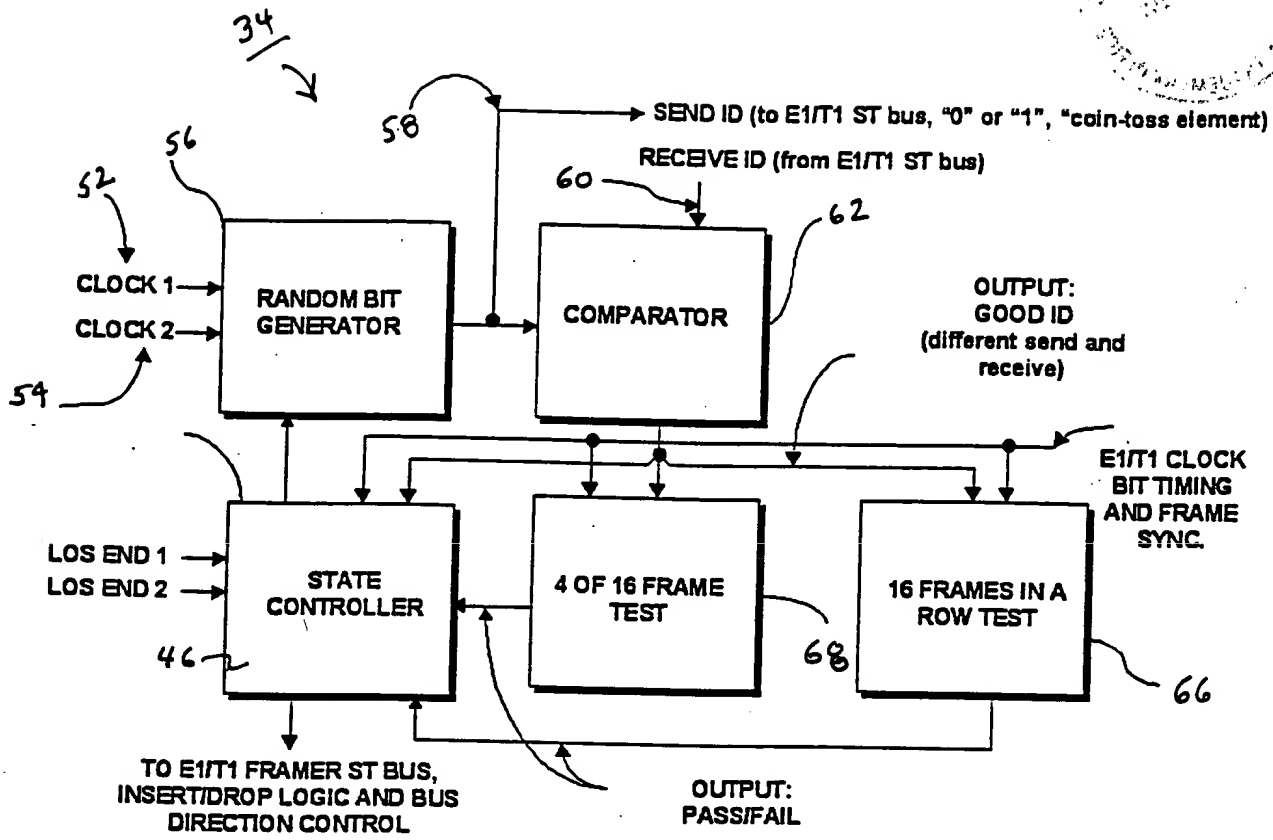


Fig. 5

EXPRESS MAIL NO. EV 305 042 704

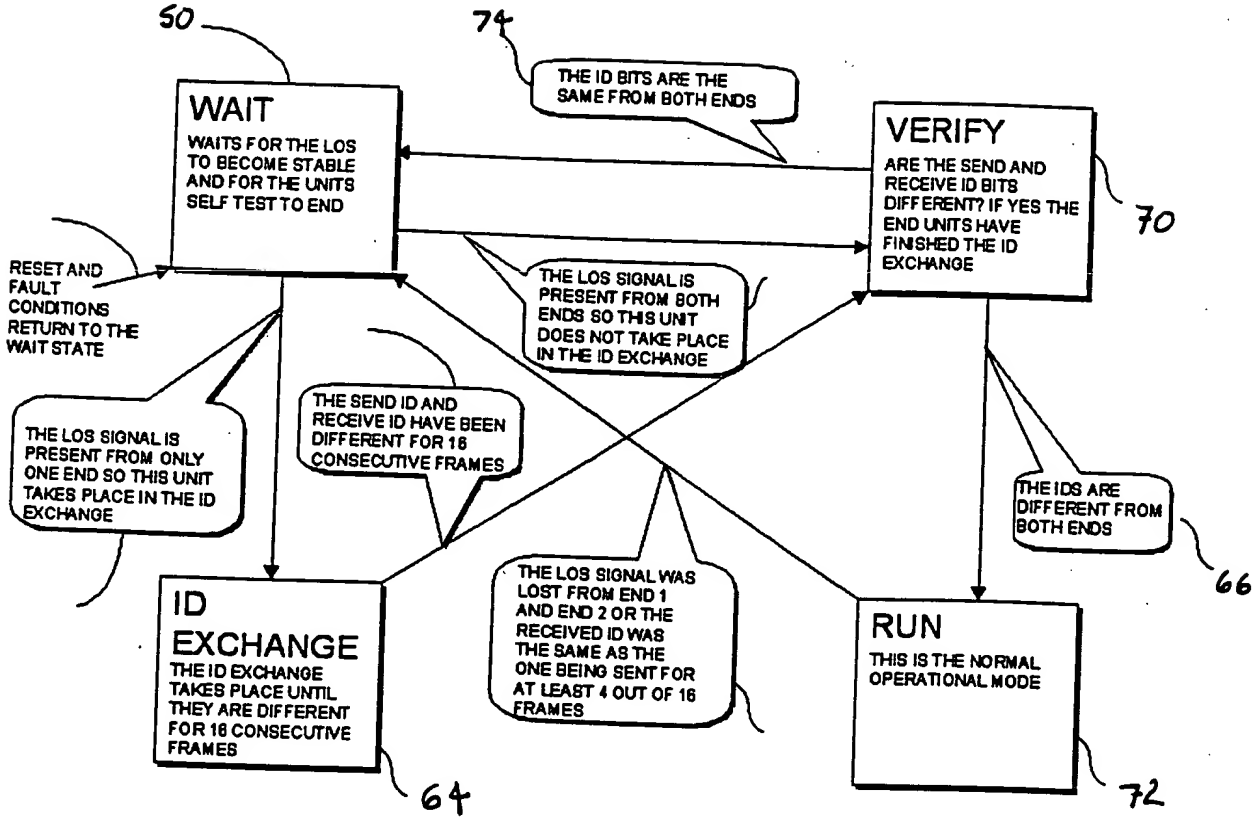

50
74
WAIT
WAITS FOR THE LOS TO BECOME STABLE AND FOR THE UNITS SELF TEST TO END
THE ID BITS ARE THE SAME FROM BOTH ENDS
VERIFY
ARE THE SEND AND RECEIVE ID BITS DIFFERENT? IF YES THE END UNITS HAVE FINISHED THE ID EXCHANGE
70
RESET AND FAULT CONDITIONS RETURN TO THE WAIT STATE
THE LOS SIGNAL IS PRESENT FROM BOTH ENDS SO THIS UNIT DOES NOT TAKE PLACE IN THE ID EXCHANGE
THE LOS SIGNAL IS PRESENT FROM ONLY ONE END SO THIS UNIT TAKES PLACE IN THE ID EXCHANGE
THE SEND ID AND RECEIVE ID HAVE BEEN DIFFERENT FOR 16 CONSECUTIVE FRAMES
THE IDS ARE DIFFERENT FROM BOTH ENDS
66
ID EXCHANGE
THE ID EXCHANGE TAKES PLACE UNTIL THEY ARE DIFFERENT FOR 16 CONSECUTIVE FRAMES
64
THE LOS SIGNAL WAS LOST FROM END 1 AND END 2 OR THE RECEIVED ID WAS THE SAME AS THE ONE BEING SENT FOR AT LEAST 4 OUT OF 16 FRAMES
RUN
THIS IS THE NORMAL OPERATIONAL MODE
72

Fig. 6

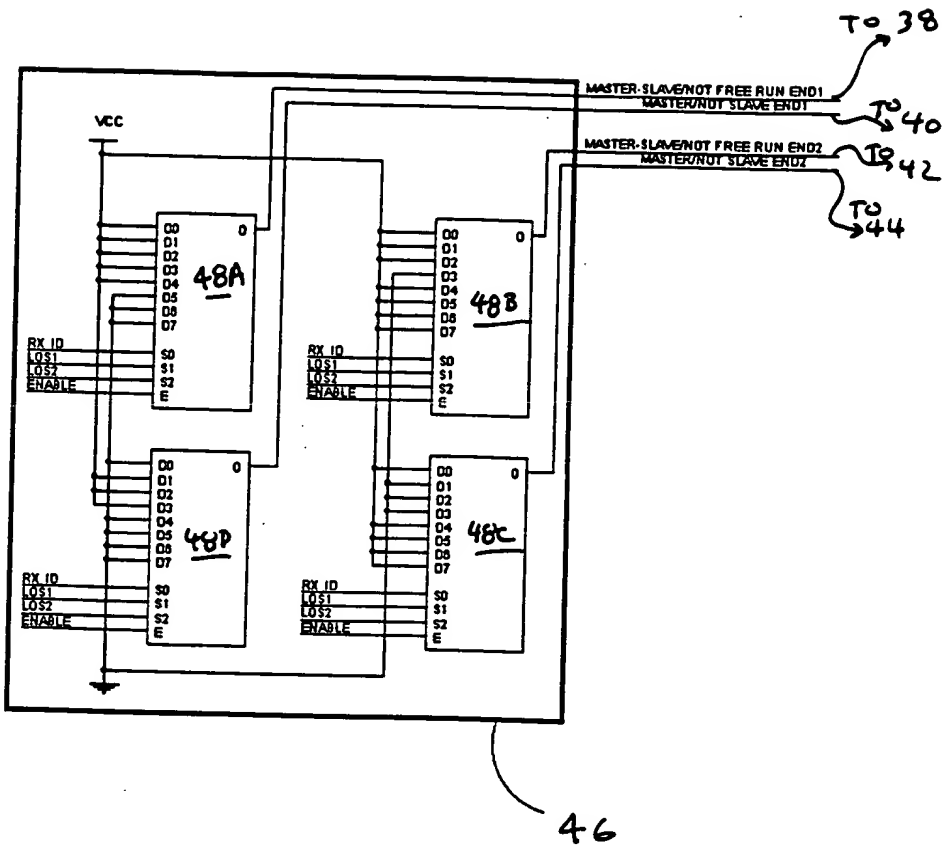

TO 38
MASTER-SLAVE/NOT FREE RUN END1
MASTER/NOT SLAVE END1
TO 40
MASTER-SLAVE/NOT FREE RUN END2
MASTER/NOT SLAVE END2
TO 42
TO 44
VCC
48A
48B
48D
48C
RX ID
LOS1
LOS2
ENABLE
46

Fig. 7

Fig 7A

Mode Table

LOS1	LOS2	Rx	Address	Master	Slave	Free-run
0	0	0	0	end 2	end 1	
0	0	1	1	end 1	end 2	
0	1	0	2	end 1	end 2	
0	1	1	3	end 1		end 2
1	0	0	4	end 2	end 1	
1	0	1	5	end 2		end 1
1	1	0	6			
1	1	1	7			

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